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(71) Applicant (for all designated States except US): **TELECOM ITALIA S.P.A.** [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BRAGAGNINI, Andrea** [IT/IT]; Telecom Italia S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). **TUROLLA, Maura** [IT/IT]; Telecom Italia S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT).

(74) Agents: **GIANNESI, Pier, Giovanni et al.**; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milan (IT).

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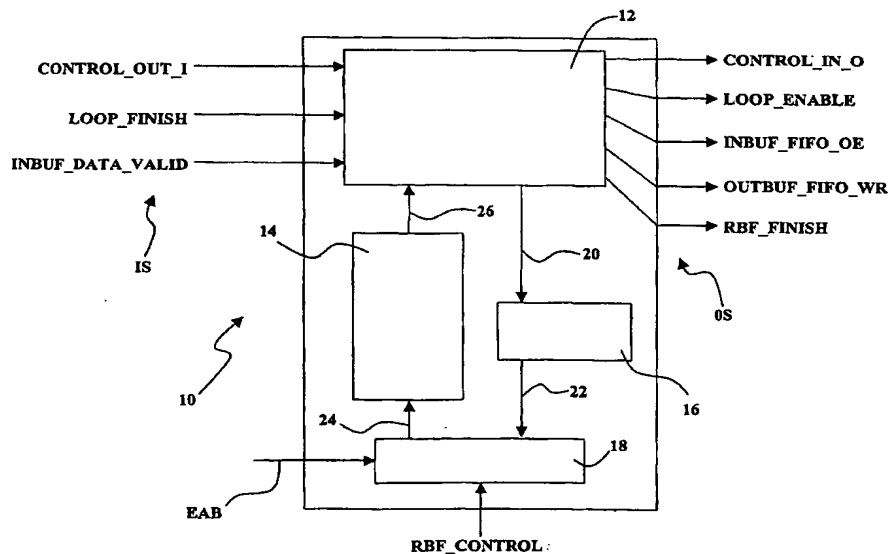
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A RECONFIGURABLE STATE MACHINE ARCHITECTURE AND RELATED METHOD OF EXECUTION



(57) Abstract: An architecture for a state machine (10) with a number of states of the machine, comprises a memory (14) having a set of addresses. The memory (14) is arranged to store at each of said addresses in the set the complete description of a respective one of said number of states of the machine (10).

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B G06F G11C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 370 729 A (BOSCH EUGEN I) 25 January 1983 (1983-01-25) column 2, line 62 - line 68 figures 1-3	1-11, 17-32, 38-42
A	US 4 755 967 A (GABRIS JOSEPH ET AL) 5 July 1988 (1988-07-05) figures 2,4	9-11,21, 30-32,42
Y	US 5 125 098 A (BURROWS JAMES L) 23 June 1992 (1992-06-23) column 4, line 64 - line 67 column 5, line 1 - line 8	12,33
A		13-16, 34-37
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8 document member of the same patent family

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bosch Vivancos, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HENNESSY J L ET AL: "Computer Organization and Design. The hardware/software interface" , MORGAN KAUFMAN , SAN FRANCISCO, CALIFORNIA XP002253365 page 509; figure 7.27	12, 33
X	US 4 407 015 A (ZIOBRO DANIEL P) 27 September 1983 (1983-09-27) column 3, line 18 - line 26; figure 2	1-8, 18, 22-29, 39
A	HENNESSY J L ET AL: "Computer Organization and Design. The hardware/software interface" , COMPUTER ORGANIZATION AND DESIGN: THE HARDWARE/SOFTWARE INTERFACE, XX, XX, PAGE(S) C3-C26 XP002247698 figure C.15	17, 19, 20, 38, 40, 41

INTERNATIONAL SEARCH REPORT

Information on patent family members

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